

Date: Fri, 10 Dec 93 21:41:30 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1448
To: Info-Hams

Info-Hams Digest Fri, 10 Dec 93 Volume 93 : Issue 1448

Today's Topics:

 6-m Transverters
 Alinco DJ-580T Scanning Speed (YAWN!)
 ARRL's callsign admin position
 need comments on DJ-560T
 ORBS\$344.2L.AMSAT
 ORBS\$344.MICRO.AMSAT
 ORBS\$344.OSCAR.AMSAT
 ORBS\$344.WEATH.AMSAT
 W5YI's coverage of "temporary callsigns"

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 10 Dec 93 19:55:18 GMT
From: ogicse!cs.uoregon.edu!sgiblab!sdd.hp.com!col.hp.com!srngenprp!
alanb@network.ucsd.edu
Subject: 6-m Transverters
To: info-hams@ucsd.edu

Robert Carpenter (rc@cmr.ncsl.NIST.GOV) wrote:

: Some of the older xverters, such as the Hallicrafters HA-6, were all-tube and
: put out close to 100 watts. Their receive side wasn't great, being a
: 6CW4 Nuvistor (intermod) for rf amplifier.

I always thought that superior strong-signal handling capability was one
of the ADVANTAGES of a tube-type front end. One disadvantage of a 6CW4 is

a noise figure worse than you can get with modern solid-state devices. This is a problem on 2 meters, but not a concern on 6, where atmospheric noise levels are higher.

AL N1AL

Date: 9 Dec 93 12:52:02 PST
From: netcomsv!netcomsv!hotcity!nick@decwrl.dec.com
Subject: Alinco DJ-580T Scanning Speed (YAWN!)
To: info-hams@ucsd.edu

Is there ANYWAY possible to increase the scanning speed of the Alinco? It's quicker just to rotate the knob manually or hold down the UP/DOWN arrows. Saddening!

- Nick

Date: 10 Dec 93 11:50:59 GMT
From: ogicse!uwm.edu!wupost!howland.reston.ans.net!news.intercon.com!panix!not-for-mail@network.ucsd.edu
Subject: ARRL's callsign admin position
To: info-hams@ucsd.edu

In article <DTD8Dc3w165w@mystis.wariat.org>,
>

>I can agree to some of what you said. United front and all. But before
>the ARRL decides what all amateurs want, maybe they could come out of
>the board room and ask a few of us?

Maybe your division's director doesn't "come out of the board room", but here in the Hudson Division we have a director who is responsive to the membership -- and available.

Steve Mendelsohn, WA2DHF, travels throught the division, attending club meetings and hamfests. He's always asking for opinions on matters he expects to come before the board, and asks for fresh ideas to bring to the rest of the board.

Steve also has an active division "cabinet" made up of all division-level appointees, SMs, section-level appointees, and selected others. Before each ARRL board meeting he holds a division cabinet meeting to determine the position of the division. Quite a number of ARRL Board policies come from these meetings, as Steve brings *into* the boardroom the desires and

opinions of the membership in the Hudson Division.

If your director isn't as accessible and active as Steve then vote in someone else!

73, Andy

--

```
----- Andrew Funk, KB7UV -----  
|      President, Tri-State Amateur Repeater Council (TSARC)      |  
| ENG Editor/Microwave Control, WCBS-TV Channel 2 News, New York |  
| Internet: kb7uv@panix.com      Packet: kb7uv@kb7uv.#nli.ny.usa |
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Date: Thu, 09 Dec 1993 10:46:09 -0600
From: pravda.sdsc.edu!usc!elroy.jpl.nasa.gov!swrinde!cs.utexas.edu!utah-morgan!
hellgate.utah.edu!cc.usu.edu!sy_j.pgh.wec.com!user@network.ucsd.edu
Subject: need comments on DJ-560T
To: info-hams@ucsd.edu

I am thinking of buying the Alinco DJ-560T HT now on closeout for \$300.
I'd like to get comments from 560 owners and anybody else on what you
like and dislike about this unit.

Also, are there other HTs I should consider ? (I have limited budget).
The DJ-580 is now selling for \$380, is the \$80 difference worth it ?
what are the differences between 560 and 580 ?

please email replies if possible
thanks in advance

Jerry

--

"Beware of bugs in the above code; I have only proved it correct, not
tried it."

-- Donald Knuth

Date: 10 Dec 93 17:00:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: ORBS\$344.2L.AMSAT
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-344.N
2Line Orbital Elements 344.AMSAT

HR AMSAT ORBITAL ELEMENTS FOR AMATEUR SATELLITES IN NASA FORMAT
FROM WA5QGD FORT WORTH,TX December 10, 1993
BID: \$ORBS-344.N

DECODE 2-LINE ELSETS WITH THE FOLLOWING KEY:

1 AAAAAU 00 0 0 BBBB.BBBBBBBB .CCCCCCC 00000-0 00000-0 0 DDDZ
2 AAAAA EEE.EEEE FFF.FFFF GGGGGGG HHH.HHHH III.IIII JJ.JJJJJJJJ KKKKKKZ
KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN
G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

TO ALL RADIO AMATEURS BT

AO-10

1 14129U 83058B 93329.34450477 .00000009 00000-0 10000-3 0 2133
2 14129 27.1217 354.5434 6014493 132.9243 298.0909 2.06477387 78587

UO-11

1 14781U 84021B 93342.66573932 .00000337 00000-0 61232-4 0 6176
2 14781 97.7956 1.2301 0012043 153.7437 206.4353 14.69097732522339

RS-10/11

1 18129U 87054A 93337.45348696 .00000030 00000-0 26350-4 0 8155
2 18129 82.9255 113.5236 0011195 202.4287 157.6376 13.72327170323069

AO-13

1 19216U 88051B 93336.80025401 -.00000119 00000-0 10000-4 0 8216
2 19216 57.8913 280.9905 7209935 329.6810 3.4424 2.09721276 41896

FO-20

1 20480U 90013C 93338.53163149 .00000025 00000-0 82238-4 0 6121
2 20480 99.0174 162.3283 0541196 60.5893 304.8188 12.83222700179161

AO-21

1 21087U 91006A 93338.53066287 .00000084 00000-0 82657-4 0 3737
2 21087 82.9439 286.7581 0033930 267.3519 92.3725 13.74529222142847

RS-12/13

1 21089U 91007A 93340.55801944 .00000035 00000-0 30376-4 0 6170
2 21089 82.9190 154.3003 0028317 286.8165 72.9884 13.74031130142192

ARSENE

1 22654U 93031B 93321.93138545 -.00000051 00000-0 10000-3 0 2108
2 22654 1.4185 113.8817 2935300 161.0091 211.2000 1.42195961 2757

UO-14

1 20437U 90005B 93339.66496175 .00000098 00000-0 45884-4 0 9160
2 20437 98.6049 61.9694 0011825 41.8303 318.3787 14.29807962201935

AO-16

1 20439U 90005D 93339.65804529 .00000092 00000-0 43650-4 0 7168
2 20439 98.6125 63.0007 0012085 42.4157 317.7990 14.29864764201949

DO-17

1 20440U 90005E 93339.70110696 .00000098 00000-0 45837-4 0 7166
2 20440 98.6132 63.3043 0012255 41.5371 318.6771 14.30002231201963

WO-18

1 20441U 90005F 93338.69354219 .00000080 00000-0 38594-4 0 7179

2	20441	98.6127	62.3215	0012830	44.6898	315.5341	14.29979345201826
L0-19							
1	20442U	90005G	93339.66409654	.00000097	00000-0	45261-4 0	7168
2	20442	98.6135	63.4933	0013133	41.6454	318.5726	14.30072336201979
U0-22							
1	21575U	91050B	93339.62142588	.00000137	00000-0	53152-4 0	4163
2	21575	98.4556	52.8408	0008057	141.7089	218.4692	14.36870728125282
K0-23							
1	22077U	92052B	93340.41708664	.00000000	00000-0	10000-3 0	3135
2	22077	66.0888	323.5901	0006335	335.5125	24.5569	12.86282062 61993
A0-27							
1	22825U	93061C	93340.63744409	.00000102	00000-0	49453-4 0	2157
2	22825	98.6748	53.2005	0009518	54.0663	306.1406	14.27594182 10212
I0-26							
1	22826U	93061D	93340.21182841	.00000089	00000-0	43990-4 0	2163
2	22826	98.6747	52.7873	0010063	55.9732	304.2402	14.27696330 10159
K0-25							
1	22830U	93061H	93339.63531252	.00000074	00000-0	37772-4 0	2161
2	22830	98.5753	51.5182	0012128	27.9533	332.2307	14.28019941 10076
NOAA-9							
1	15427U	84123A	93342.70049786	.00000140	00000-0	84766-4 0	6165
2	15427	99.0787	25.7011	0015669	39.5125	320.7148	14.13568935463439
NOAA-10							
1	16969U	86073A	93341.66264576	.00000102	00000-0	51842-4 0	5147
2	16969	98.5127	351.4956	0013232	164.2969	195.8610	14.24848693375336
MET-2/17							
1	18820U	88005A	93339.73180874	.00000102	00000-0	85026-4 0	2154
2	18820	82.5444	62.4795	0016770	9.7264	350.4220	13.84700344295589
MET-3/2							
1	19336U	88064A	93341.86495960	.00000043	00000-0	10000-3 0	2168
2	19336	82.5416	99.0732	0017730	24.3892	335.7990	13.16962928258071
NOAA-11							
1	19531U	88089A	93335.92967935	.00000081	00000-0	53930-4 0	4139
2	19531	99.1530	315.2247	0011726	331.7228	28.3309	14.12936228267351
MET-2/18							
1	19851U	89018A	93342.55740184	.00000041	00000-0	31525-4 0	2162
2	19851	82.5192	295.8959	0015793	44.4595	315.7827	13.84350638241300
MET-3/3							
1	20305U	89086A	93334.69005237	.00000043	00000-0	10000-3 0	9176
2	20305	82.5555	47.4111	0016898	62.3849	297.9388	13.16025158197009
MET-2/19							
1	20670U	90057A	93340.51939313	.00000015	00000-0	79036-5 0	7162
2	20670	82.5454	1.5084	0015399	333.1603	26.8773	13.84183900173965
FY-1/2							
1	20788U	90081A	93340.62144989	.00000100	00000-0	77693-4 0	8250
2	20788	98.8506	1.8125	0013923	187.7140	172.3805	14.01341665166736
MET-2/20							
1	20826U	90086A	93340.36719227	.00000042	00000-0	32606-4 0	7150

2 20826 82.5252 299.3895 0011811 226.6138 133.4067 13.83565526161094
 MET-3/4
 1 21232U 91030A 93338.45465636 .00000043 00000-0 10000-3 0 6211
 2 21232 82.5407 307.2624 0012656 318.6913 41.3690 13.16460415125735
 NOAA-12
 1 21263U 91032A 93335.94780045 .00000189 00000-0 93586-4 0 8205
 2 21263 98.6410 2.8806 0013991 87.7504 272.5281 14.22339524132493
 MET-3/5
 1 21655U 91056A 93342.27109633 .00000043 00000-0 10000-3 0 6192
 2 21655 82.5596 251.5620 0013360 318.9520 41.0249 13.16825457111339
 MET-2/21
 1 22782U 93055A 93342.51575674 .00000035 00000-0 26724-4 0 2169
 2 22782 82.5476 357.5371 0023727 42.6334 317.6642 13.82993616 13730
 MIR
 1 16609U 86017A 93343.56114036 .00010605 00000-0 14006-3 0 203
 2 16609 51.6180 58.4213 0005383 74.5508 285.6216 15.58960993446454
 HUBBLE
 1 20580U 90037B 93343.39583333 .00000298 00000-0 22324-4 0 3791
 2 20580 28.4711 14.8965 0005601 267.3006 145.0087 14.90298067 1056
 GRO
 1 21225U 91027B 93341.66776924 .00006624 00000-0 11971-3 0 45
 2 21225 28.4617 121.0915 0031871 286.3791 73.2946 15.46763151 27365
 UARS
 1 21701U 91063B 93342.65260819 .00003629 00000-0 33983-3 0 4183
 2 21701 56.9828 202.5066 0005874 102.5209 257.6002 14.96251149122408
 POSAT
 1 22829U 93061G 93341.80894716 .00000091 00000-0 44722-4 0 2081
 2 22829 98.6692 54.3707 0010935 37.7065 322.4792 14.27988203 10382
 /EX

Date: 10 Dec 93 16:53:00 GMT
 From: news-mail-gateway@ucsd.edu
 Subject: ORBS\$344.MICRO.AMSAT
 To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-344.D
 Orbital Elements 344.MICROS

HR AMSAT ORBITAL ELEMENTS FOR THE MICROSATS
 FROM WA5QGD FORT WORTH, TX December 10, 1993
 BID: \$ORBS-344.D
 TO ALL RADIO AMATEURS BT

Satellite: UO-14
 Catalog number: 20437
 Epoch time: 93339.66496175

Element set: 916
Inclination: 98.6049 deg
RA of node: 61.9694 deg
Eccentricity: 0.0011825
Arg of perigee: 41.8303 deg
Mean anomaly: 318.3787 deg
Mean motion: 14.29807962 rev/day
Decay rate: 9.8e-07 rev/day^2
Epoch rev: 20193
Checksum: 343

Satellite: A0-16

Catalog number: 20439
Epoch time: 93339.65804529
Element set: 716
Inclination: 98.6125 deg
RA of node: 63.0007 deg
Eccentricity: 0.0012085
Arg of perigee: 42.4157 deg
Mean anomaly: 317.7990 deg
Mean motion: 14.29864764 rev/day
Decay rate: 9.2e-07 rev/day^2
Epoch rev: 20194
Checksum: 316

Satellite: D0-17

Catalog number: 20440
Epoch time: 93339.70110696
Element set: 716
Inclination: 98.6132 deg
RA of node: 63.3043 deg
Eccentricity: 0.0012255
Arg of perigee: 41.5371 deg
Mean anomaly: 318.6771 deg
Mean motion: 14.30002231 rev/day
Decay rate: 9.8e-07 rev/day^2
Epoch rev: 20196
Checksum: 268

Satellite: W0-18

Catalog number: 20441
Epoch time: 93338.69354219
Element set: 717
Inclination: 98.6127 deg
RA of node: 62.3215 deg
Eccentricity: 0.0012830
Arg of perigee: 44.6898 deg
Mean anomaly: 315.5341 deg

Mean motion: 14.29979345 rev/day
Decay rate: 8.0e-07 rev/day²
Epoch rev: 20182
Checksum: 312

Satellite: L0-19

Catalog number: 20442
Epoch time: 93339.66409654
Element set: 716
Inclination: 98.6135 deg
RA of node: 63.4933 deg
Eccentricity: 0.0013133
Arg of perigee: 41.6454 deg
Mean anomaly: 318.5726 deg
Mean motion: 14.30072336 rev/day
Decay rate: 9.7e-07 rev/day²
Epoch rev: 20197
Checksum: 305

Satellite: U0-22

Catalog number: 21575
Epoch time: 93339.62142588
Element set: 416
Inclination: 98.4556 deg
RA of node: 52.8408 deg
Eccentricity: 0.0008057
Arg of perigee: 141.7089 deg
Mean anomaly: 218.4692 deg
Mean motion: 14.36870728 rev/day
Decay rate: 1.37e-06 rev/day²
Epoch rev: 12528
Checksum: 329

Satellite: K0-23

Catalog number: 22077
Epoch time: 93340.41708664
Element set: 313
Inclination: 66.0888 deg
RA of node: 323.5901 deg
Eccentricity: 0.0006335
Arg of perigee: 335.5125 deg
Mean anomaly: 24.5569 deg
Mean motion: 12.86282062 rev/day
Decay rate: .00000000 rev/day²
Epoch rev: 6199
Checksum: 281

Satellite: A0-27

Catalog number: 22825
Epoch time: 93340.63744409
Element set: 215
Inclination: 98.6748 deg
RA of node: 53.2005 deg
Eccentricity: 0.0009518
Arg of perigee: 54.0663 deg
Mean anomaly: 306.1406 deg
Mean motion: 14.27594182 rev/day
Decay rate: 1.02e-06 rev/day^2
Epoch rev: 1021
Checksum: 276

Satellite: IO-26
Catalog number: 22826
Epoch time: 93340.21182841
Element set: 216
Inclination: 98.6747 deg
RA of node: 52.7873 deg
Eccentricity: 0.0010063
Arg of perigee: 55.9732 deg
Mean anomaly: 304.2402 deg
Mean motion: 14.27696330 rev/day
Decay rate: 8.9e-07 rev/day^2
Epoch rev: 1015
Checksum: 288

Satellite: KO-25
Catalog number: 22830
Epoch time: 93339.63531252
Element set: 216
Inclination: 98.5753 deg
RA of node: 51.5182 deg
Eccentricity: 0.0012128
Arg of perigee: 27.9533 deg
Mean anomaly: 332.2307 deg
Mean motion: 14.28019941 rev/day
Decay rate: 7.4e-07 rev/day^2
Epoch rev: 1007
Checksum: 276

/EX

Date: 10 Dec 93 16:50:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: ORBS\$344.OSCAR.AMSAT

To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-344.0
Orbital Elements 344.OSCAR

HR AMSAT ORBITAL ELEMENTS FOR OSCAR SATELLITES
FROM WA5QGD FORT WORTH, TX December 10, 1993
BID: \$ORBS-344.0
TO ALL RADIO AMATEURS BT

Satellite: A0-10
Catalog number: 14129
Epoch time: 93329.34450477
Element set: 213
Inclination: 27.1217 deg
RA of node: 354.5434 deg
Eccentricity: 0.6014493
Arg of perigee: 132.9243 deg
Mean anomaly: 298.0909 deg
Mean motion: 2.06477387 rev/day
Decay rate: 9.0e-08 rev/day^2
Epoch rev: 7858
Checksum: 313

Satellite: U0-11
Catalog number: 14781
Epoch time: 93342.66573932
Element set: 617
Inclination: 97.7956 deg
RA of node: 1.2301 deg
Eccentricity: 0.0012043
Arg of perigee: 153.7437 deg
Mean anomaly: 206.4353 deg
Mean motion: 14.69097732 rev/day
Decay rate: 3.37e-06 rev/day^2
Epoch rev: 52233
Checksum: 298

Satellite: RS-10/11
Catalog number: 18129
Epoch time: 93337.45348696
Element set: 815
Inclination: 82.9255 deg
RA of node: 113.5236 deg
Eccentricity: 0.0011195
Arg of perigee: 202.4287 deg
Mean anomaly: 157.6376 deg
Mean motion: 13.72327170 rev/day

Decay rate: 3.0e-07 rev/day²
Epoch rev: 32306
Checksum: 298

Satellite: A0-13

Catalog number: 19216
Epoch time: 93336.80025401
Element set: 821
Inclination: 57.8913 deg
RA of node: 280.9905 deg
Eccentricity: 0.7209935
Arg of perigee: 329.6810 deg
Mean anomaly: 3.4424 deg
Mean motion: 2.09721276 rev/day
Decay rate: -1.19e-06 rev/day²
Epoch rev: 4189
Checksum: 305

Satellite: F0-20

Catalog number: 20480
Epoch time: 93338.53163149
Element set: 612
Inclination: 99.0174 deg
RA of node: 162.3283 deg
Eccentricity: 0.0541196
Arg of perigee: 60.5893 deg
Mean anomaly: 304.8188 deg
Mean motion: 12.83222700 rev/day
Decay rate: 2.5e-07 rev/day²
Epoch rev: 17916
Checksum: 296

Satellite: A0-21

Catalog number: 21087
Epoch time: 93338.53066287
Element set: 373
Inclination: 82.9439 deg
RA of node: 286.7581 deg
Eccentricity: 0.0033930
Arg of perigee: 267.3519 deg
Mean anomaly: 92.3725 deg
Mean motion: 13.74529222 rev/day
Decay rate: 8.4e-07 rev/day²
Epoch rev: 14284
Checksum: 327

Satellite: RS-12/13

Catalog number: 21089

Epoch time: 93340.55801944
Element set: 617
Inclination: 82.9190 deg
RA of node: 154.3003 deg
Eccentricity: 0.0028317
Arg of perigee: 286.8165 deg
Mean anomaly: 72.9884 deg
Mean motion: 13.74031130 rev/day
Decay rate: 3.5e-07 rev/day^2
Epoch rev: 14219
Checksum: 295

Satellite: ARSENE

Catalog number: 22654
Epoch time: 93321.93138545
Element set: 210
Inclination: 1.4185 deg
RA of node: 113.8817 deg
Eccentricity: 0.2935300
Arg of perigee: 161.0091 deg
Mean anomaly: 211.2000 deg
Mean motion: 1.42195961 rev/day
Decay rate: -5.1e-07 rev/day^2
Epoch rev: 275
Checksum: 241

/EX

Date: 10 Dec 93 16:56:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: ORBS\$344.WEATH.AMSAT
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-344.W
Orbital Elements 344.WEATHER

HR AMSAT ORBITAL ELEMENTS FOR WEATHER SATELLITES
FROM WA5QGD FORT WORTH, TX December 10, 1993
BID: \$ORBS-344.W
TO ALL RADIO AMATEURS BT

Satellite: NOAA-9
Catalog number: 15427
Epoch time: 93342.70049786
Element set: 616
Inclination: 99.0787 deg

RA of node: 25.7011 deg
Eccentricity: 0.0015669
Arg of perigee: 39.5125 deg
Mean anomaly: 320.7148 deg
Mean motion: 14.13568935 rev/day
Decay rate: 1.40e-06 rev/day^2
Epoch rev: 46343
Checksum: 316

Satellite: NOAA-10
Catalog number: 16969
Epoch time: 93341.66264576
Element set: 514
Inclination: 98.5127 deg
RA of node: 351.4956 deg
Eccentricity: 0.0013232
Arg of perigee: 164.2969 deg
Mean anomaly: 195.8610 deg
Mean motion: 14.24848693 rev/day
Decay rate: 1.02e-06 rev/day^2
Epoch rev: 37533
Checksum: 330

Satellite: MET-2/17
Catalog number: 18820
Epoch time: 93339.73180874
Element set: 215
Inclination: 82.5444 deg
RA of node: 62.4795 deg
Eccentricity: 0.0016770
Arg of perigee: 9.7264 deg
Mean anomaly: 350.4220 deg
Mean motion: 13.84700344 rev/day
Decay rate: 1.02e-06 rev/day^2
Epoch rev: 29558
Checksum: 303

Satellite: MET-3/2
Catalog number: 19336
Epoch time: 93341.86495960
Element set: 216
Inclination: 82.5416 deg
RA of node: 99.0732 deg
Eccentricity: 0.0017730
Arg of perigee: 24.3892 deg
Mean anomaly: 335.7990 deg
Mean motion: 13.16962928 rev/day
Decay rate: 4.3e-07 rev/day^2

Epoch rev: 25807
Checksum: 328

Satellite: NOAA-11
Catalog number: 19531
Epoch time: 93335.92967935
Element set: 413
Inclination: 99.1530 deg
RA of node: 315.2247 deg
Eccentricity: 0.0011726
Arg of perigee: 331.7228 deg
Mean anomaly: 28.3309 deg
Mean motion: 14.12936228 rev/day
Decay rate: $8.1e-07$ rev/day²
Epoch rev: 26735
Checksum: 302

Satellite: MET-2/18
Catalog number: 19851
Epoch time: 93342.55740184
Element set: 216
Inclination: 82.5192 deg
RA of node: 295.8959 deg
Eccentricity: 0.0015793
Arg of perigee: 44.4595 deg
Mean anomaly: 315.7827 deg
Mean motion: 13.84350638 rev/day
Decay rate: $4.1e-07$ rev/day²
Epoch rev: 24130
Checksum: 329

Satellite: MET-3/3
Catalog number: 20305
Epoch time: 93334.69005237
Element set: 917
Inclination: 82.5555 deg
RA of node: 47.4111 deg
Eccentricity: 0.0016898
Arg of perigee: 62.3849 deg
Mean anomaly: 297.9388 deg
Mean motion: 13.16025158 rev/day
Decay rate: $4.3e-07$ rev/day²
Epoch rev: 19700
Checksum: 312

Satellite: MET-2/19
Catalog number: 20670
Epoch time: 93340.51939313

Element set: 716
Inclination: 82.5454 deg
RA of node: 1.5084 deg
Eccentricity: 0.0015399
Arg of perigee: 333.1603 deg
Mean anomaly: 26.8773 deg
Mean motion: 13.84183900 rev/day
Decay rate: 1.5e-07 rev/day^2
Epoch rev: 17396
Checksum: 299

Satellite: FY-1/2

Catalog number: 20788
Epoch time: 93340.62144989
Element set: 825
Inclination: 98.8506 deg
RA of node: 1.8125 deg
Eccentricity: 0.0013923
Arg of perigee: 187.7140 deg
Mean anomaly: 172.3805 deg
Mean motion: 14.01341665 rev/day
Decay rate: 1.00e-06 rev/day^2
Epoch rev: 16673
Checksum: 295

Satellite: MET-2/20

Catalog number: 20826
Epoch time: 93340.36719227
Element set: 715
Inclination: 82.5252 deg
RA of node: 299.3895 deg
Eccentricity: 0.0011811
Arg of perigee: 226.6138 deg
Mean anomaly: 133.4067 deg
Mean motion: 13.83565526 rev/day
Decay rate: 4.2e-07 rev/day^2
Epoch rev: 16109
Checksum: 302

Satellite: MET-3/4

Catalog number: 21232
Epoch time: 93338.45465636
Element set: 621
Inclination: 82.5407 deg
RA of node: 307.2624 deg
Eccentricity: 0.0012656
Arg of perigee: 318.6913 deg
Mean anomaly: 41.3690 deg

Mean motion: 13.16460415 rev/day
Decay rate: 4.3e-07 rev/day^2
Epoch rev: 12573
Checksum: 282

Satellite: NOAA-12
Catalog number: 21263
Epoch time: 93335.94780045
Element set: 820
Inclination: 98.6410 deg
RA of node: 2.8806 deg
Eccentricity: 0.0013991
Arg of perigee: 87.7504 deg
Mean anomaly: 272.5281 deg
Mean motion: 14.22339524 rev/day
Decay rate: 1.89e-06 rev/day^2
Epoch rev: 13249
Checksum: 302

Satellite: MET-3/5
Catalog number: 21655
Epoch time: 93342.27109633
Element set: 619
Inclination: 82.5596 deg
RA of node: 251.5620 deg
Eccentricity: 0.0013360
Arg of perigee: 318.9520 deg
Mean anomaly: 41.0249 deg
Mean motion: 13.16825457 rev/day
Decay rate: 4.3e-07 rev/day^2
Epoch rev: 11133
Checksum: 281

Satellite: MET-2/21
Catalog number: 22782
Epoch time: 93342.51575674
Element set: 216
Inclination: 82.5476 deg
RA of node: 357.5371 deg
Eccentricity: 0.0023727
Arg of perigee: 42.6334 deg
Mean anomaly: 317.6642 deg
Mean motion: 13.82993616 rev/day
Decay rate: 3.5e-07 rev/day^2
Epoch rev: 1373
Checksum: 312

/EX

Date: Wed, 8 Dec 93 13:59:20 GMT
From: mnemosyne.cs.du.edu!nyx!jmaynard@uunet.uu.net
Subject: W5YI's coverage of "temporary callsigns"
To: info-hams@ucsd.edu

In article <1993Dec7.183422.29800@cs.brown.edu>,
Michael P. Deignan <md@maxcy2.maxcy.brown.edu> wrote:
>mebly@eng.umd.edu writes:
>> You can't do it this way. (HINT: Ever wonder why /AT isn't used for
>> technician upgrades?)
>No, I'm clueless. Why isn't /AT used for tech upgrades?

Because, apparently, the FCC thinks that the suffixes used for temporary
privilege designators must fall within the callsign blocks assigned to the US;
AT isn't one. (Hence, /KT.) I don't know why they think that, but...

--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@oac.hsc.uth.tmc.edu | adequately be explained by stupidity.
"The road to Usenet is littered with dead horses." -- Jack Hamilton

Date: Thu, 09 Dec 1993 09:16:14 -0700
From: ftpbox!mothost!schbbs!node_13059.aieg.mot.com!user@uunet.uu.net
To: info-hams@ucsd.edu

References <gregCHMBrt.Err@netcom.com>,
<1993Dec6.172531.25131@mnemosyne.cs.du.edu>,
<1993Dec8.163926.8129@ke4zv.atl.ga.us>
Subject : Re: ARRL's callsign admin position

In article <1993Dec8.163926.8129@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
(Gary Coffman) wrote:

> Yes the ARRL
> purports to represent *all* amateurs, but in reality they are mainly
> representative of the DXers, contesters, and ARES types who depend on
> the ARRL to manage their activities.

I have been an ARRL member since 1961 and only a DXer for 10 of those
years. Otherwise I have never belonged to one of those groups.

> ARRL currently has the only full time paid lobbyist in Washington, but it
> was not always so. Wayne's old alternate organization had the first paid
> lobbyist, and all the other major bodies have at least part time volunteer

> representation in Washington. I believe I heard that NARA intends to
> register a full time lobbyist too.

When some other organization actually *does* the representing as well as ARRL then they won't be the *only* representative. Until then it is just talk.

I only hope that whoever else does the "representing" doesn't get into an ARRL fabours it so we oppose it stance - the net result would not be good for anyone.

> >Such as? (Wayne Green is an oft-cited example, but if he's the best you can
> >come up with, you simply don't have a case: he's consistently predicted doom
> >and gloom, and been consistently wrong. He's no more than the Howard Stern of
> >ham magazines.)

I agree.

> The ARRL's attack on SERA is the latest example of their efforts to
> stifle other organizations who they think stand in their way. Their
> attacks on Wayne have been long standing, and dirty, but that's not
> all they've done to try to retain hegemony over amateur radio.

Really??? Can you point out *anything* that the ARRL has actually done or said to support this? I have heard a continuous stream of such accusations since 1961, but have yet to see one that actually existed.

On the other hand Wayne Greene, SERA, LARC etc. have been *very* vocal about their supposed persecution.

This seems to go on for about 18 months then go away quitely, only to be replaced with some other horrible thing that ARRL has supposedly done.

> Even
> inside the ARRL, the old guard has done everything in their power to
> stifle dissent among the troops. The directors and the volunteers
> form a strong "old boy" network that squelches dissent with a vengeance.

That certainly hasn't been my experience. Even when I wasn't an "old boy" :-)

--

Mike Waters rcrw90@email.mot.com AA4MW@KC7Y.PHX.AZ.US.NA

Hate is not a "Family Value"

End of Info-Hams Digest V93 #1448
